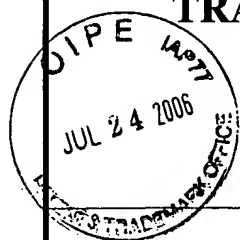


IF 2184



# TRANSMITTAL FORM

Application No.:	10/034,854
Filing Date:	12/21/2001
First Named Inventor:	David Shadmon
Confirmation No.:	9629
Group Art Unit	2184
Examiner:	Kiss, Eric B
Customer No.	<b>24227</b>
Docket No.	EMC-01-041

Total Number of Pages in this Submission: **18**

## ENCLOSURES (check all that apply)

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> <b>Authorization for the Commissioner to charge Deposit Account No. 05-0889 for fees associated with this transaction (in duplicate)</b><br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Decl.<br><input type="checkbox"/> Extension of Time Request for Months<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Request for Continued Examination Transmittal<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Fee Transmittal (in duplicate) | <input type="checkbox"/> Assignment<br><input type="checkbox"/> Recordation Cover Sheet<br><input type="checkbox"/> Declaration/Power of Attorney<br><input checked="" type="checkbox"/> <b>Copy of Notice of Recordation</b><br><input type="checkbox"/> Revocation of Power of Attorney<br><input type="checkbox"/> Formal Drawings<br><input type="checkbox"/> Letter to Official Draftsperson with ____ ( ) sheets of redlined changes to drawings<br><input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review"<br><input type="checkbox"/> Preliminary Amendment<br><input checked="" type="checkbox"/> <b>Additional Enclosures:</b><br>Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address | <input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)] (in duplicate)<br><input type="checkbox"/> Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)<br><input checked="" type="checkbox"/> <b>Statement Under 37 CFR 3.73(b)</b><br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> <b>Certificate of First Class Mailing</b><br><input type="checkbox"/> Certificate of Express Mail Mailing<br><input checked="" type="checkbox"/> <b>Postcard</b> |
|---|--|--|

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Date <u>7/21/06</u> Tel: (508) 293-6654 Fax: (508) 293-7189	<u>Krishnendu Gupta</u> Krishnendu Gupta, Esq. (Reg. No. 37,977) EMC Corporation Office of the General Counsel 176 South Street Hopkinton, MA 01748
---	--

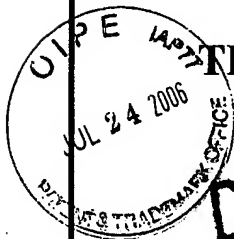
## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]

I hereby certify that this correspondence and the above-referenced enclosures are being:

- ☒ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
☐ Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703)

Date <u>7/21/2006</u>	<u>Timothy J. Rousseau</u> Signature
-----------------------	---

Timothy J. Rousseau  
 Typed or printed name of person signing certificate



**TRANSMITTAL  
FORM  
DUPLICATE**

Application No.:	10/034,854
Filing Date:	12/21/2001
First Named Inventor:	David Shadmon
Confirmation No.:	9629
Group Art Unit	2184
Examiner:	Kiss, Eric B
Customer No.	24227
Docket No.	EMC-01-041

Total Number of Pages in this Submission: 18

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Authorization for the Commissioner to charge Deposit Account No. 05-0889 for fees associated with this transaction (in duplicate)	<input type="checkbox"/> Assignment	<input type="checkbox"/> Petition for Revival of an Unintentionally Abandoned Application [37 CFR 1.137(b)] (in duplicate)
<input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Decl.	<input type="checkbox"/> Recordation Cover Sheet	<input type="checkbox"/> Form PTOL-85B, Part B -Issue Fee Payment Transmittal," (in duplicate)
<input type="checkbox"/> Extension of Time Request for Months	<input type="checkbox"/> Declaration/Power of Attorney	<input checked="" type="checkbox"/> Statement Under 37 CFR 3.73(b)
<input type="checkbox"/> Information Disclosure Statement	<input checked="" type="checkbox"/> Copy of Notice of Recordation	<input type="checkbox"/> Express Abandonment Request
<input type="checkbox"/> Request for Continued Examination Transmittal	<input type="checkbox"/> Revocation of Power of Attorney	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Formal Drawings	<input type="checkbox"/> Status Inquiry
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Letter to Official Draftsperson with ____ ( ) sheets of redlined changes to drawings	<input checked="" type="checkbox"/> Certificate of First Class Mailing
<input type="checkbox"/> Fee Transmittal (in duplicate)	<input type="checkbox"/> Copy of PTO 948, "Notice of Draftsperson's Patent Review"	<input type="checkbox"/> Certificate of Express Mail Mailing
	<input type="checkbox"/> Preliminary Amendment	<input checked="" type="checkbox"/> Postcard
	<input checked="" type="checkbox"/> Additional Enclosures: Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address	

**SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Date <u>7/21/06</u>	<u>Krishnendu Gupta</u> Krishnendu Gupta, Esq. (Reg. No. 37,977) EMC Corporation Office of the General Counsel 176 South Street Hopkinton, MA 01748
------------------------	--

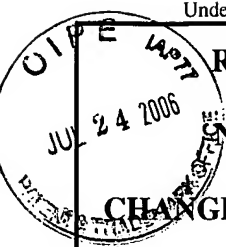
**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8]**

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- ☐ Transmitted by facsimile on the date shown below to the Patent and Trademark Office at (703)

Date <u>7/21/2006</u>	<u>Timothy J. Rousseau</u> Signature  <u>Timothy J. Rousseau</u> Typed or printed name of person signing certificate
--------------------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/034,854
Filing Date	12/21/2001
First Named Inventor	David Shadmon
Art Unit	2184
Examiner Name	Kiss, Eric B
Attorney Docket Number	EMC-01-041

**I hereby revoke all previous powers of attorney given in the above-identified application.**

☐ A Power of Attorney is submitted herewith.

**OR**

☒ I hereby appoint the practitioners associated with the Customer Number:

24227

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

24227

**OR**

☐ Firm or  
Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature

Name

Date

Telephone

508-293-6654

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: EMC CorporationApplication No./Patent No. 10/034,854 Filed/Issue Date: 12/21/2001Entitled: ANALYZING SOFTWARE BEHAVIOR

EMC Corporation a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012433, Frame 0664 and at Reel 013009, Frame 0068, or for which copies thereof are attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Krishnendu Gupta  
Signature

7/21/06  
Date

Krishnendu Gupta, Reg. No. 37,977

Printed or Typed Name

508-293-6654

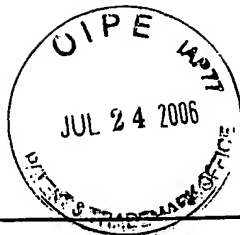
Telephone Number

Associate General Counsel, Intellectual Property

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



EMC-01-041

MARCH 01, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
www.uspto.govHALE AND DORR, LLP  
JASON A. REYES  
60 STATE STREET  
BOSTON, MA 02109

\*101941484A\*

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/21/2001

REEL/FRAME: 012433/0664  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SHADMON, DAVID

DOC DATE: 12/20/2001

ASSIGNOR:  
YAZLOVITSKY, YAKOV

DOC DATE: 12/20/2001

ASSIGNOR:  
GUTMAN, ALEXANDER

DOC DATE: 12/20/2001

ASSIGNEE:  
EMC CORPORATION  
35 PARKWOOD DRIVE  
LEGAL DEPARTMENT  
HOPKINTON, MASSACHUSETTS 01748SERIAL NUMBER: 10034854  
PATENT NUMBER:FILING DATE: 12/21/2001  
ISSUE DATE:

BEST AVAILABLE COPY

HALE & DORR DOCKETING  
RE: 100157.159 <sup>US 1</sup>  
Action Date: \_\_\_\_\_  
Action to be Taken: \_\_\_\_\_  
Docketed by: AA On: 3/7/02

012433/0664 PAGE 2

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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01-11-2002

Form PTO-1595  
(Rev. 03/01)

R

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

101941484

Tab settings ⇌ ⇌ ⇌

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

David Shadmon  
Yakov Yazlovitsky  
Alexander GutmanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/20/2001

## 2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: Legal Department

Street Address: 35 Parkwood Drive

City: Hopkinton State: MA Zip: 01748

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 12/20/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jason A. Reyes

Internal Address: Hale and Dorr LLP

Street Address: 60 State Street

City: Boston State: MA Zip: 02109

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

08-0219

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jason A. Reyes

Name of Person Signing

Signature

Registration No. 41,513

December 21, 2001  
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 2023111036 U.S. PTO  
10/03/01  
12/21/01

BEST AVAILABLE COPY

01/10/2002 6TOW11 00000150 080219 10034854  
01 FC:581 40.00 CH

## ASSIGNMENT

WHEREAS, we, **David Shadmon**, being a citizen of the United States of America, residing at 56 Dwight Street, Brookline, MA 02446; **Peter Kamvysselis**, being a citizen of the United States of America, residing at 345 Commonwealth Avenue, Apt. 7, Boston, MA 02115; **Yakov Yazlovitsky**, being a citizen of the United States of America, residing at 237 Moreland Street, Worcester, MA 01609; and **Alexander Gutman**, being a citizen of Israel, residing at 134 Parker Road, Framingham, MA 01702, are inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled *Analyzing Software Behavior*, a declaration for which we have executed on an even day herewith; and

WHEREAS, EMC Corporation, whose address is 35 Parkwood Drive, Hopkinton, MA 01748 which together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEES may deem advisable, under International Conventions or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to



issue or transfer all said Letters Patents to ASSIGNEE, as ASSIGNEE of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE'S request and at ASSIGNEE'S expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

Date: 12/20/01

David Shadmon  
David Shadmon

Then personally appeared before me this 20<sup>th</sup> day of December, 2001,  
the above named David Shadmon who acknowledged the forgoing instrument to be his free act  
and deed.

**ANGELA B. MUISE**  
Notary Public  
My Commission Expires February 12, 2004

Angela B. Muise  
Notary Public

Date: \_\_\_\_\_

\_\_\_\_\_  
Peter Kamvysselis

Then personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
the above named Peter Kamvysselis who acknowledged the forgoing instrument to be his free act  
and deed.

\_\_\_\_\_  
Notary Public

Date: 12/20/01

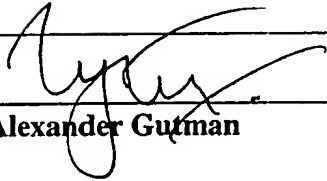
Yakov Yazlovitsky  
Yakov Yazlovitsky

Then personally appeared before me this 20<sup>th</sup> day of December, 2001,  
the above named Yakov Yazlovitsky who acknowledged the forgoing instrument to be his free  
act and deed.

**ANGELA B. MUISE**  
Notary Public  
My Commission Expires February 12, 2004

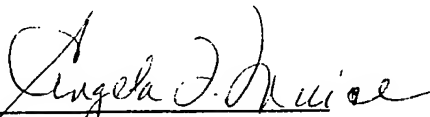
Angela B. Muise  
Notary Public

Date: 12/20/2001

  
Alexander Gutman

Then personally appeared before me this 20th day of December, 2001,  
the above named Alexander Gutman who acknowledged the forgoing instrument to be his free  
act and deed.

**ANGELA L. NUICE**  
Notary Public  
My Commission Expires February 12, 2004

  
Notary Public



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

COPY

EMC-01-041

AUGUST 22, 2002

HALE AND DORR LLP  
JASON A. REYES, ESQ.  
60 STATE STREET  
BOSTON, MA 02109



HALE AND DORR LLP  
PTAS AUG 26 2002  
INTELLECTUAL PROPERTY  
DEPARTMENT

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov



\*102133576A\*

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RECORDATION DATE: 06/17/2002

REEL/FRAME: 013009/0068  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAMVYSSELIS, PETER

DOC DATE: 12/20/2001

ASSIGNEE:

EMC CORPORATION  
35 PARKWOOD DRIVE  
LEGAL DEPARTMENT  
HOPKINTON, MASSACHUSETTS 01748

SERIAL NUMBER: 10034854  
PATENT NUMBER:

FILING DATE: 12/21/2001  
ISSUE DATE:

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

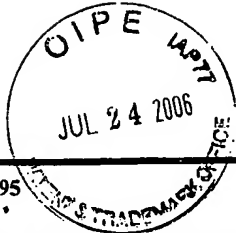
HALE & DORR DOCKETING

RE: 100157.159 US1

Action Date: \_\_\_\_\_

Action to be Taken: \_\_\_\_\_

Docketed by: AA On: 9-4-02



06-25-2002

Form PTO-1595  
(Rev. 03/01)

RE:

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼

102133576

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Peter Kamvysseis

6-17-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/20/2001

## 2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address: Legal Department

Street Address: 35 Parkwood Drive

City: Hopkinton State: MA Zip: 01748

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 10/034854

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Hale and Dorr LLP

Internal Address: Jason A. Reyes. Esq.

Street Address: 60 State Street

City: Boston State: MA Zip: 02109

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

08-0219

DO NOT USE THIS SPACE

## 9. Signature.

06/24/2002 6TOM11 00000191 080219 10034854

40.00 CH

Jason A. Reyes. Esq.

Name of Person Signing

  
Signature

06/11/2002

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, we, **David Shadmon**, being a citizen of the United States of America, residing at 56 Dwight Street, Brookline, MA 02446; **Peter Kamvysselis**, being a citizen of the United States of America, residing at 345 Commonwealth Avenue, Apt. 7, Boston, MA 02115; **Yakov Yazlovitsky**, being a citizen of the United States of America, residing at 237 Moreland Street, Worcester, MA 01609; and **Alexander Gutman**, being a citizen of Israel, residing at 134 Parker Road, Framingham, MA 01702, are inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled ***ANALYZING SOFTWARE BEHAVIOR***, which application was filed in the United States Patent and Trademark Office on December 21, 2001 and assigned Serial Number 10/034,854; and

WHEREAS, EMC Corporation, whose address is 35 Parkwood Drive, Hopkinton, MA 01748 which together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEES may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as ASSIGNEE of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE'S request and at ASSIGNEE'S expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to me relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

Date: \_\_\_\_\_

\_\_\_\_\_  
David Shadmon

Then personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
the above named David Shadmon who acknowledged the forgoing instrument to be his free act  
and deed.

\_\_\_\_\_  
Notary Public

Date: 3/22/02

\_\_\_\_\_  
Peter Kamvysselis

Then personally appeared before me this 22nd day of March, 2002,  
the above named Peter Kamvysselis who acknowledged the forgoing instrument to be his free act  
and deed.

M<sup>es</sup> DURANT DES AULNOIS, PISANI,  
THABEAULT et DUBOST Notaires  
10, rue du Cirque  
75008 PARIS

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

\_\_\_\_\_  
Yakov Yazlovitsky

Then personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
the above named Yakov Yazlovitsky who acknowledged the forgoing instrument to be his free  
act and deed.

\_\_\_\_\_  
Notary Public



**Date:** \_\_\_\_\_

\_\_\_\_\_  
**Alexander Gutman**

Then personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, 2001,  
the above named Alexander Gutman who acknowledged the forgoing instrument to be his free  
act and deed.

\_\_\_\_\_  
**Notary Public**



HALE AND DORR <sup>LLP</sup>  
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JASON A. REYES

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jason.reyes@haledorr.com

June 11, 2002

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Re: Recordal of Patent Assignment for U.S. Patent Application  
Serial No. 10/034,854  
Conveying Party(ies): David Shadmon et al.  
Receiving Party: EMC Corporation  
Our Ref.: 100157.159US1

Dear Sir:

Enclosed for appropriate action by the United States Patent and Trademark Office are the following documents:

- 1.) Recordation Form Cover Sheet - Patents Only (Form PTO-1595) (*in duplicate*), together with original executed Assignment, and
- 2.) Return postcard.

Please charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Very truly yours,

Jason A. Reyes  
Registration No. 41,513

PJB:waw  
Enclosure(s)

**Certificate of Mailing Under 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence and any enclosures referenced therein are being deposited with the United States Postal Service with sufficient postage as **first class mail** in an envelope address to: Commissioner for Patents and Trademarks, Box Assignments, Washington, D.C. 20231 on June 11, 2002.

  
Patricia J. Byrnes